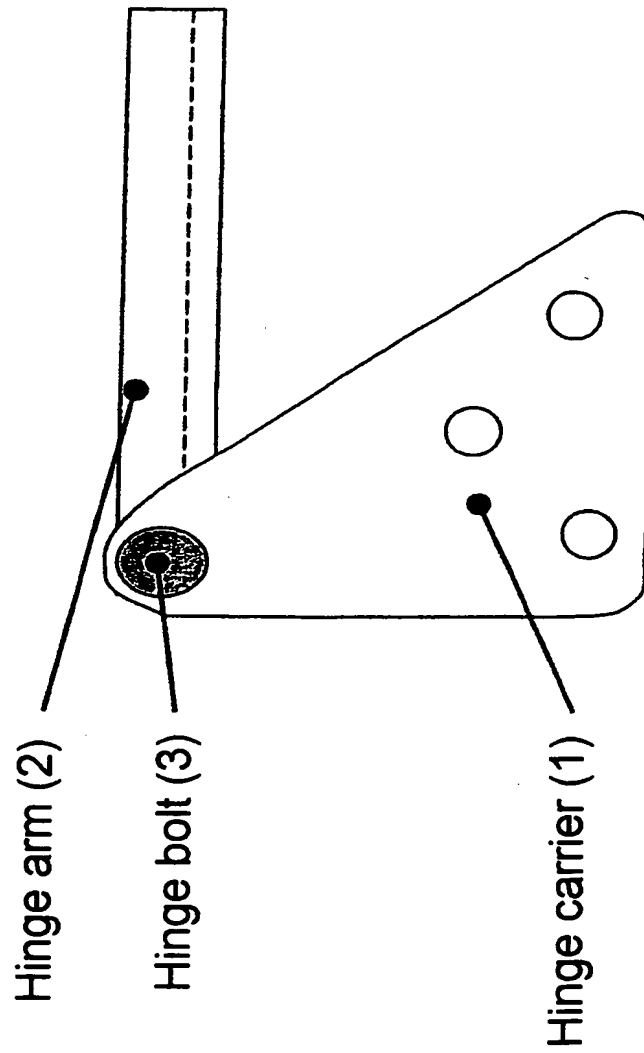


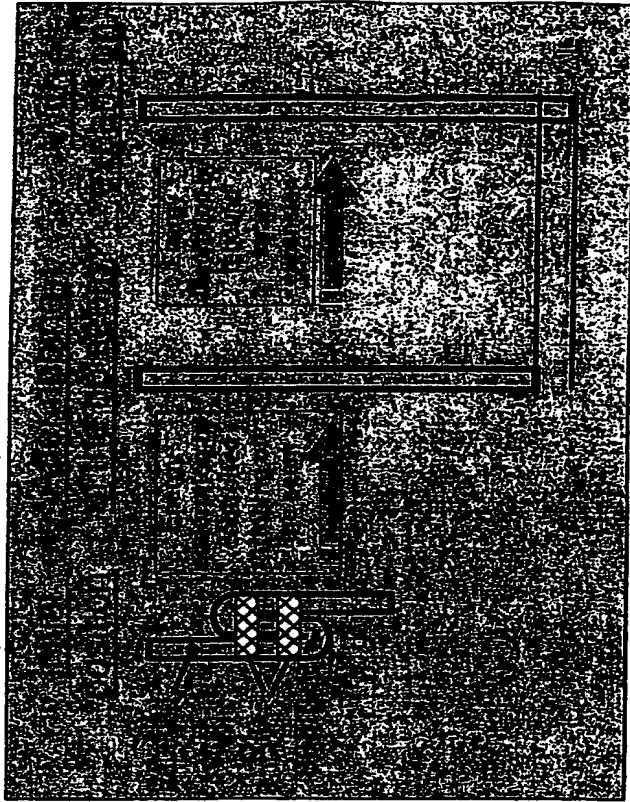
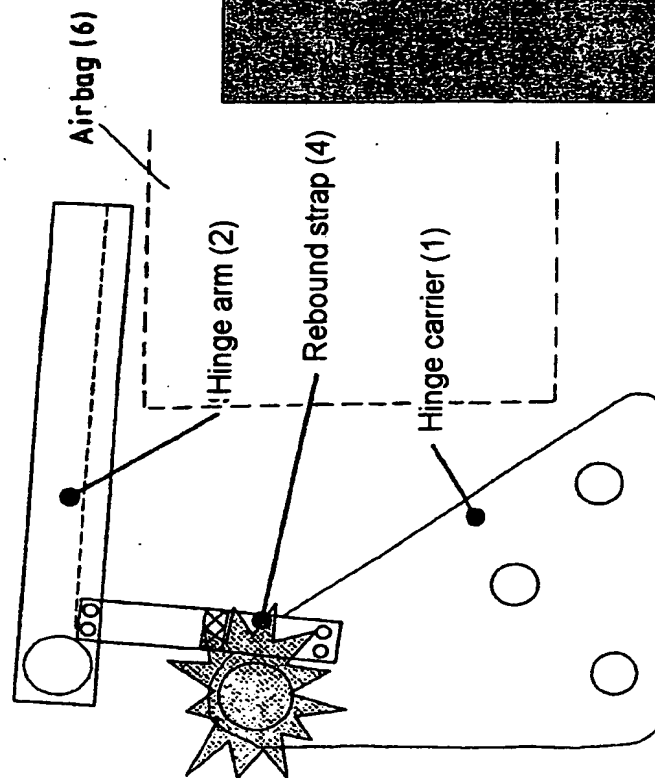
Fig. 1

General hinge construction



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Fig. 2
Released engine hood hinge



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Fig. 3 Hood release concepts - shear pin separating -

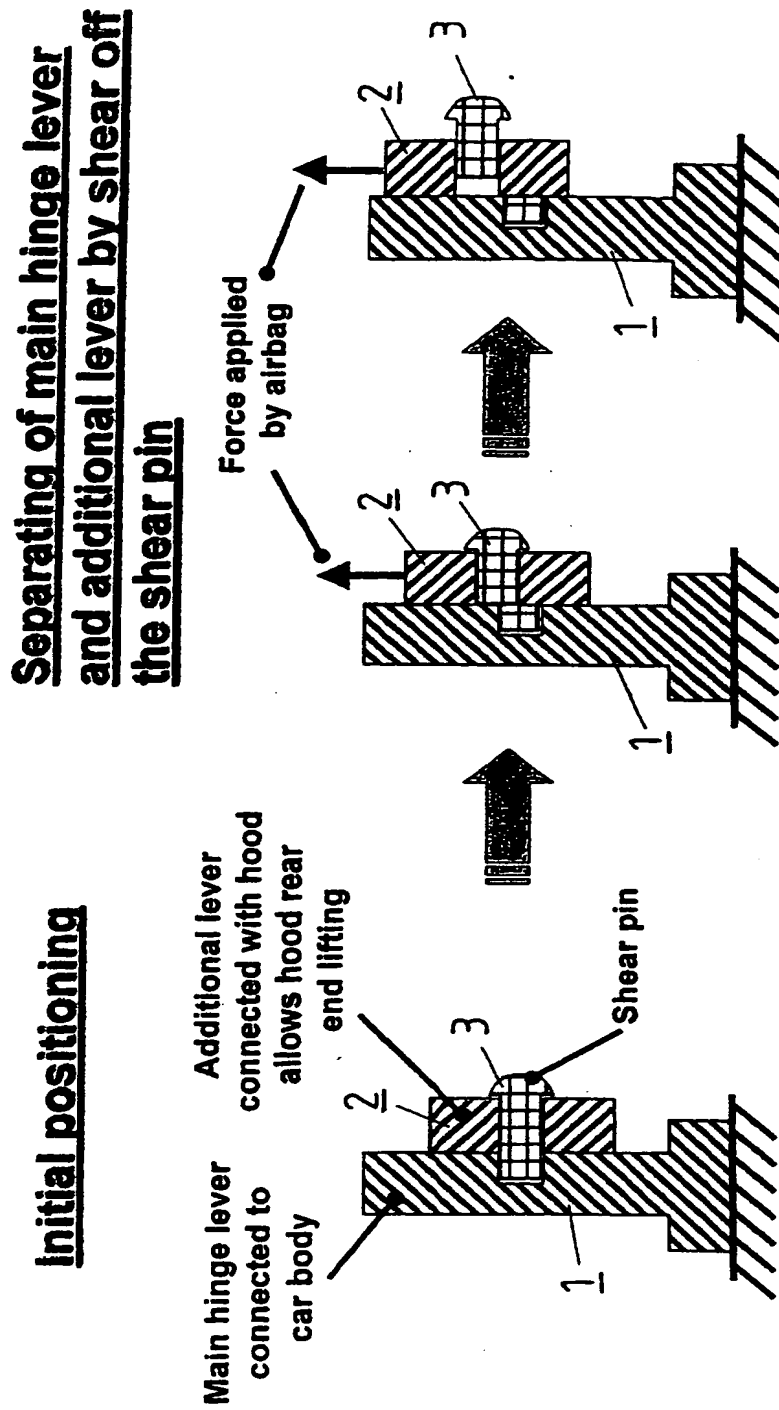
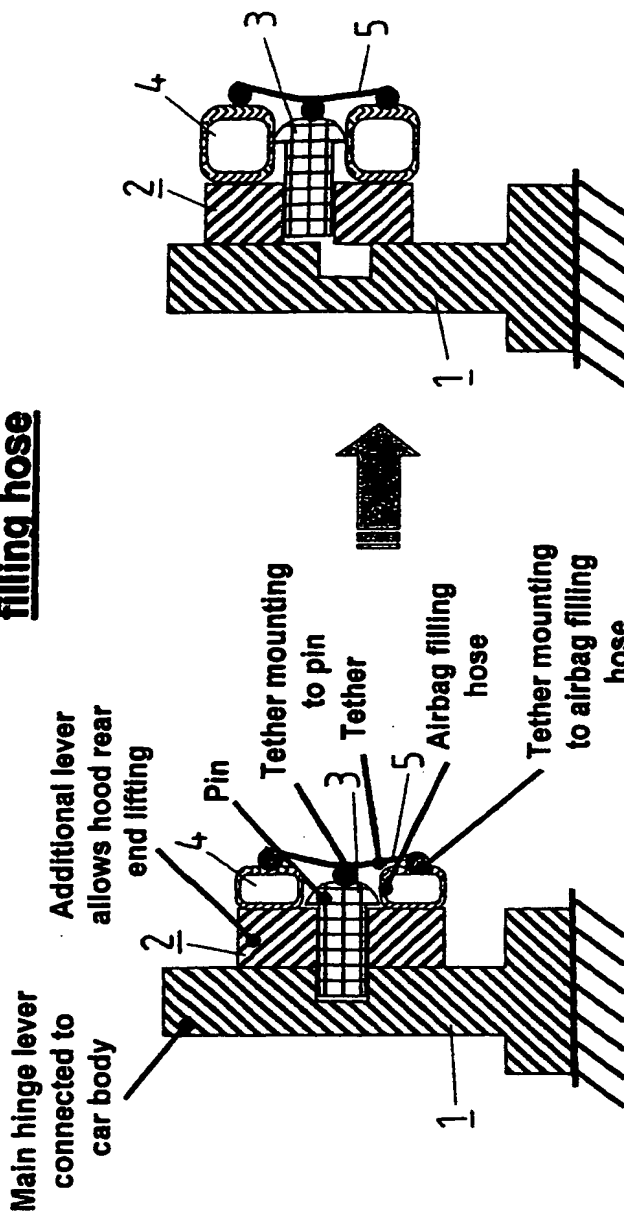


Fig. 4 Hood release concepts - airbag bypass -

Initial positioning
Separating of main hinge lever
and additional lever by deployed
filling hose

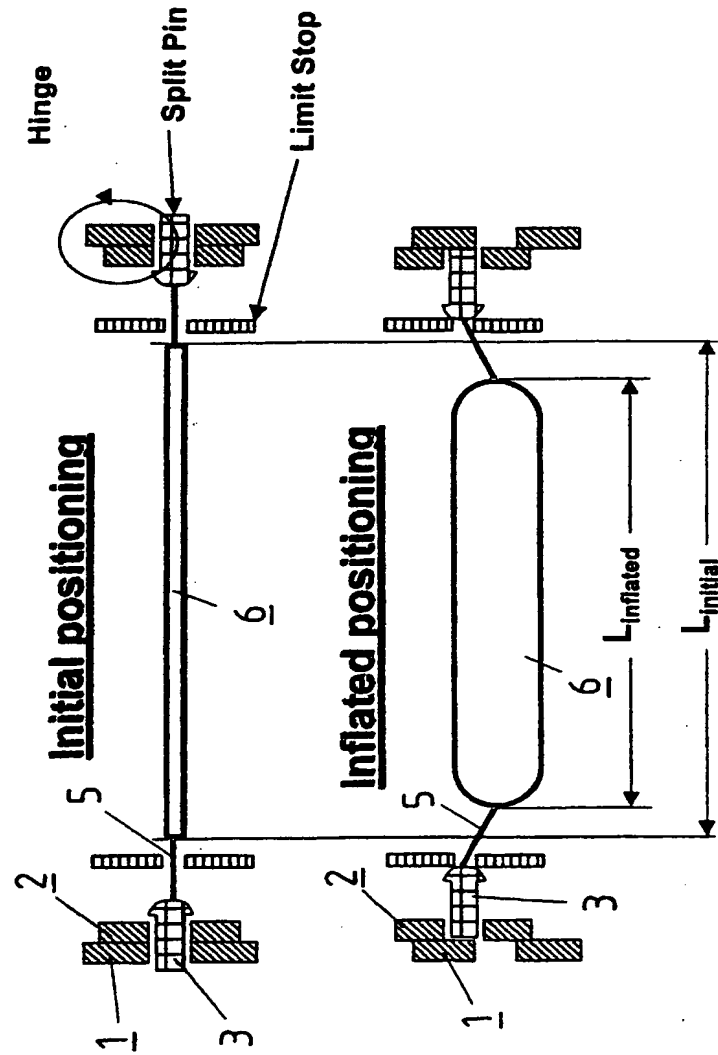


Spring-loaded repositioning

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Fig. 5

Hood release concepts - airbag lengthwise contraction-

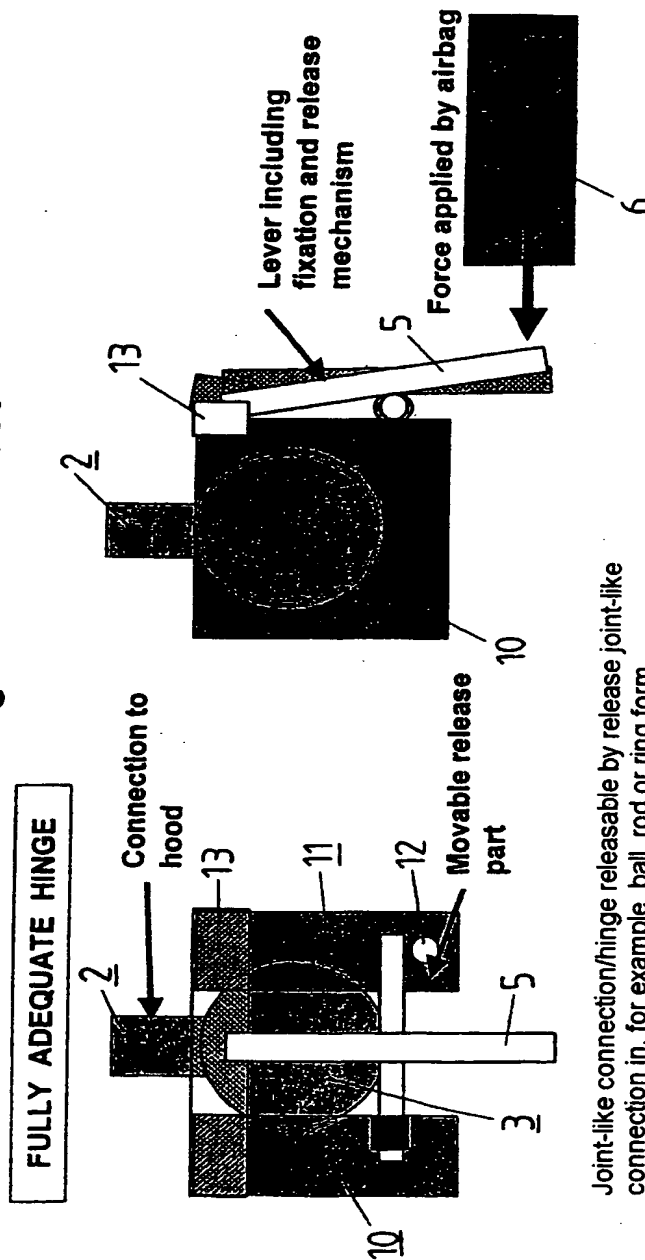


Spring-loaded repositioning

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Fig. 6 Ideas of hood releasing concepts
- airbag initiated release-



Joint-like connection/hinge releasable by release joint-like connection in, for example, ball, rod or ring form

Ball and socket joint embodiment: for example, mounted in half shells which can be opened up, as a high-quality engine hood/hinge

- at least one half shell movable
- half shell fixed via activatable mount
- mount activatable directly or indirectly via at least one part of the airbag system or separate device

Spring-loaded repositioning

Fig. 7 Ideas of hood releasing concepts
- decoupling by using force level, direction and deformation properties-

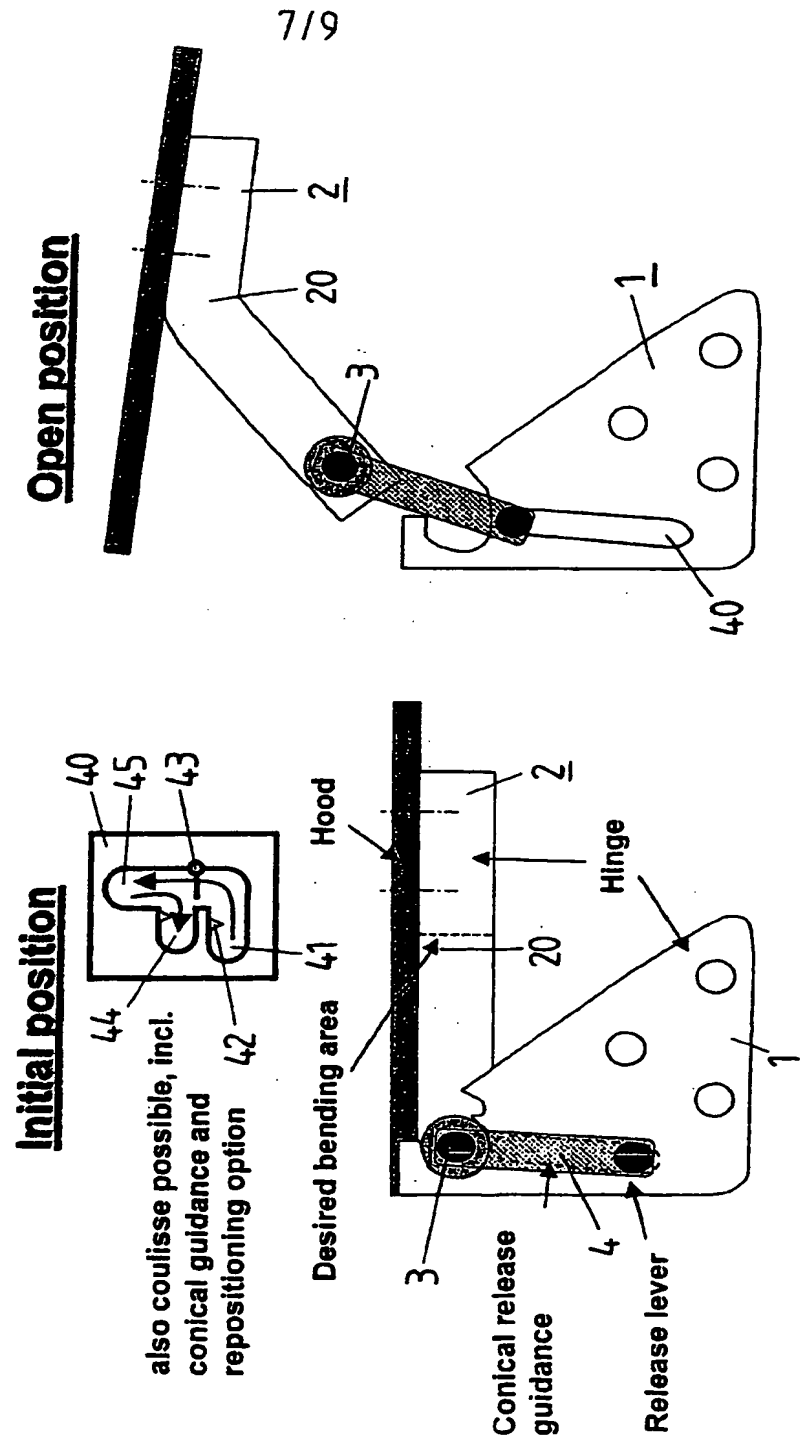


Fig. 8
Idea of hood release concepts
- piston principle -

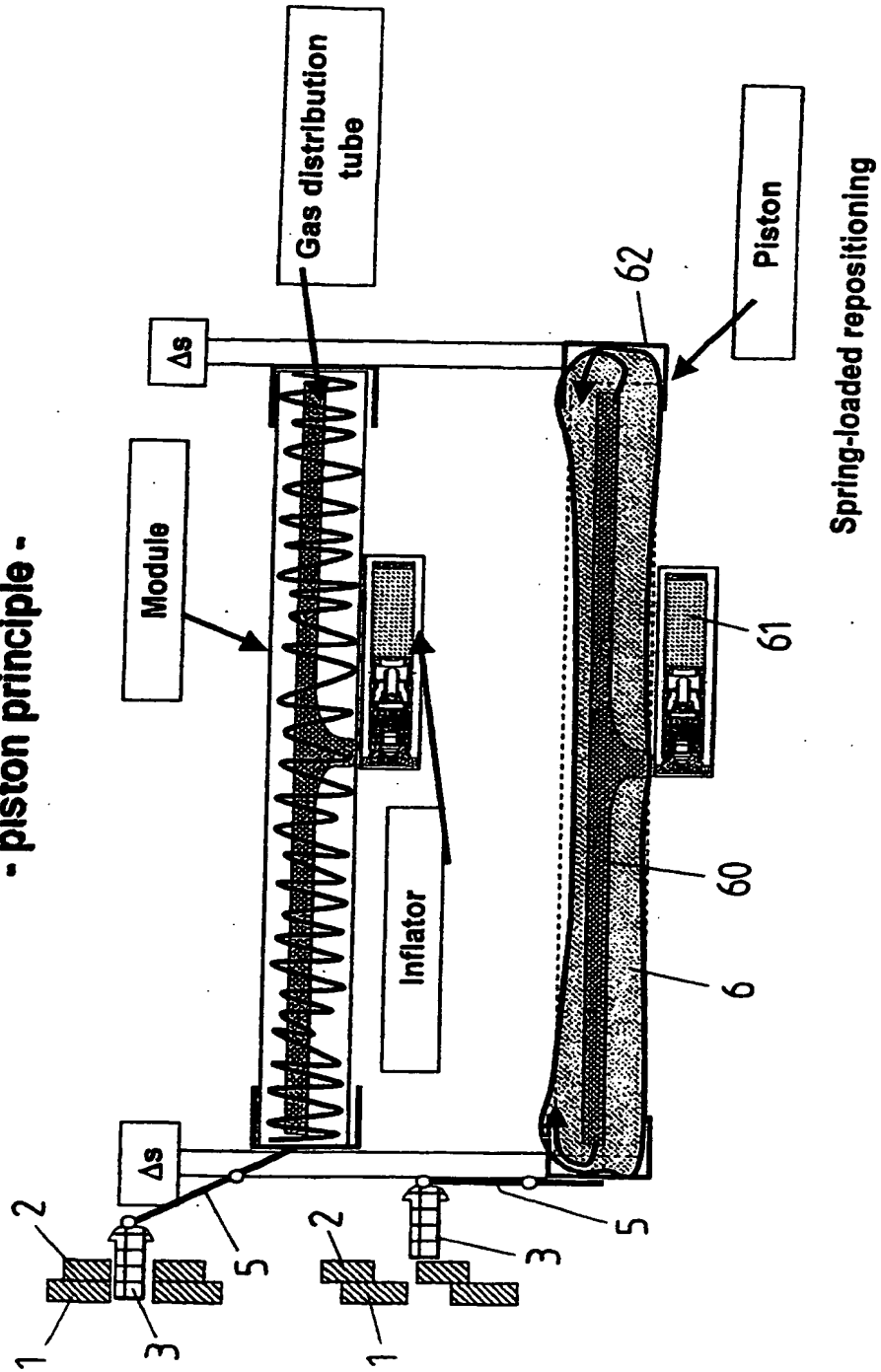


Fig. 9
Improved gasflow for homogeneously lifting of hood

